

Figure 1

<b>Patient Description:</b>	45 y/o male with TAA presenting on 7/20/02 with atypical chest pain
<b>HPI:</b>	Presented to Sentara Beach with c/o atypical CP. Dx. with TAA, 12.5cm x 6.9 x 2.7, involving the renal arteries. Cardiac clearance for OR by nuclear stress scan - nl LV fx, small area of apical ischemia
<b>Source of Pt Info:</b>	medical records
<b>Pre-Admission Meds:</b>	aspirin, other, other, other, other
<b>Allergies:</b>	Penicillin
<b>Past History:</b>	CVA/SC: HTN, hypercholesterolemia; PULM-COPD, asthma; GI-hernia repair x 2
<b>Review of Systems:</b>	CVA/SC: chest pain - atypical; PULM: denies COPD, denies bronchitis; ENDO-negative; MUSC-SKEL-negative
<b>Social History:</b>	Occupation-sales; married; ethanol use rare; 20-40 pack years - still smoking; DRUG ABUSE-n/c
<b>Family History:</b>	CAD-father; cancer sister has polycystic disease
<b>Physical Exam:</b>	HR-62, sinus, with PACs; BP-120/80; Tmax-38.5; Resp-20, stridorous; O2 sat-92; FIO <sub>2</sub> -60; PEEP-20 CVP-12; PAOP-17; CO-4.5; SVR-1280 Healthy appearing; obese; not in acute distress NEURO - GCS: M-6, V-5, E-4; mental status: sedated, agitated at times, ATTENDANT x 3 Head/Neck - pupils: equal, react to light; conjunctivae: nonicteric eyes: normal; mouth/pharynx: edentulous, small palatal erosion; neck: normal mobility, no tenderness, no JVD PULM - not intubated; clear to percussion; bibasilar rales CVA/SC - PMH: normally S-1 normal, S-2 normal, no S-3, no S-4; no murmur, pulsus: L carotid decreased GI - within normal limits EXTREM - perfusion adequate
<b>Test Results:</b>	BBG - 9.2, Hct - 29, WBC - 13.9, Rbc - 196, INR - 1.96, , PTT - 59 Na - 134, K - 3.5, Cl - 103, HCO <sub>3</sub> - 24, BUN - 22, Glu - 220, Ca - 8.2, Cr - 1.6, Phos - 4.4, Mg - 1.0, Albumin - 33, Total Protein - 49, AST (SGOT) - 22, ALT (SGPT) - 12, LDH - 98, Total Bilirubin - 3.2 Digoxin - 1.8, Theophylline - 12 pH - 7.66, PCO <sub>2</sub> - 32, PO <sub>2</sub> - 219, HCO <sub>3</sub> - 19, vented, FIO <sub>2</sub> - 50%, PEEP 5
<b>Assessment and Plan:</b>	
<b>NEURO</b>	Problems: encephalitis-viral / herpes
<b>CVA/SC</b>	Problems: chest pain-atypical, aortic aneurysm, hypertension Treatment: beta-blocker, oxygen therapy (<40%) TAA - for OR Monday, on SNP and IRESSOR, needs beta-blocker preop. Low risk coronary per nuclear scan. Active smoker w/ no known symptoms, Blw CR, bronchodilators pastore, Blw or DVT / GI prophylaxis / nutritional support

Figure 2

Patient Admit Discharge Summary Report

Patient Cenosis	Referrals	Transfusions	Change Personel	Logout																				
2411 MC Elected	Ref ID: 114507-0	Central North Central Florida GPO	Age: 44	Gender: Male																				
<table border="1"> <tr> <td>Patient Profile</td> <td>Vital Signs</td> <td>Event Log</td> <td>Laboratory</td> <td>TrendO</td> <td>Medications</td> <td>Order-Create</td> <td>IV/Pain</td> <td>Signatures</td> <td>Print</td> </tr> <tr> <td>Case Plan</td> <td>Flowchart</td> <td>Life Log</td> <td>Microbiology</td> <td>ABG/vent</td> <td>Medications</td> <td>Order-View</td> <td>Note-View</td> <td>X-ray reports</td> <td></td> </tr> </table>					Patient Profile	Vital Signs	Event Log	Laboratory	TrendO	Medications	Order-Create	IV/Pain	Signatures	Print	Case Plan	Flowchart	Life Log	Microbiology	ABG/vent	Medications	Order-View	Note-View	X-ray reports	
Patient Profile	Vital Signs	Event Log	Laboratory	TrendO	Medications	Order-Create	IV/Pain	Signatures	Print															
Case Plan	Flowchart	Life Log	Microbiology	ABG/vent	Medications	Order-View	Note-View	X-ray reports																

**Create Admission Note**

Was the patient admitted from the O.R. or went to O.R. within 4 hours of admission?  No

- Admitting Diagnosis -

Organ System: Cardiovascular  Diagnosis: Anemia - decreasing rate

Chief Complaint/History of Present Illness

144 Y/O male presented with dizziness after evaluation of substernal pain at home. Pt with known AMI - stable for the past 2 years.

Source of Patient Information: Computer/Referral

Screen 1 of 10  Previous <> Next >>

Figure 3

Patient Chart Microsoft Internet Explorer

Print List Refresh Print Preview Zoom

Patient Details	341) Mr. Ernest D.	MRN: 34123456789	Referrals	Transfusions	ICU Status	Lab Values	Medications	Order Status	IVS Status	Image	Document
Patient Profile	Vital Signs	Event Log	Laboratory	Trend							
Care Plan	Flowchart	Lab Log	Microbiology	ABG/Vent							

Create Admission Note

Was the patient admitted from the O.R. or went to O.R. within 4 hours of admission?  Yes  Elective  No

**Surgical Diagnosis:**

Organ System: Cardiovascular  Diagnosis: Aneurysm, abdominal aortic with rupture

**Post-Operative Status:**

Anesthesia: General  EBL (ml): 1500

**Complications:**

<input type="checkbox"/> Cardiac Arrest	<input type="checkbox"/> Hypotension	<input type="checkbox"/> Myocardial Ischemia	Fluids:
<input checked="" type="checkbox"/> Difficult intubation	<input type="checkbox"/> Massive Hemorrhage	<input type="checkbox"/> Prolonged Hypotension	Cell Saver (ml): 500 FFP (units): 0
			Colloid (ml): 0 Platelet (units): 0
			Crystallloid (ml): 5000 pRBC (units): 4

**Chief Complaint/History of Present Illness:**

44 yr male presented with hypertension after complaining of abdominal pain at home. Pt with known AAA - stable for the past 1 year.

**Source of Patient Information:** Emergency Room

Screen 1 of 10 (Indicates Unfinished Field)

New >

Figure 4

Skinny Doctor - Patient Admit

Patient Details	Notes	Initials	Change Password	Logout
1401 KETTYSON	MF412301100	Initials		
Patient Profile	Vital Signs	Event Log	Laboratory	Test ID
Care Plan	Normal	Line Log	Microbiology	Medications
			ABO/Ver	Order-Print
			Medications	Order-Aware
				OrderView
				Progress note

Create Admission Note

Allergies  List of Drug Allergies

PENCILING SODIUM	Date	V do	Date
SULFAMETHOXAZOLE	Date		

Pre-Admission Medications  List of Pre-Admission Medications

Drug Name	Dosage	Units	Frequency	Order
LAZIA	20	mg	QD	Order
GLUCOTROL XL	10	mg	QD	Order
ANLODIPINE BESMATE	10	mg	QD	Order
FAKE	20	mg	QD	Order

Figure 5

Print Out(s) -- Web Print Status

Begin Typing To Display Relevant Drug Names: (Non-Formulary)

12 HOUR GOLD	Add →
4LED VENTED TRANSFER SET	
8MOP	
A&D	
AMYDRODORT	
AMETHAFLERO	
APL	
ATIS	
ABACAVIR SULFATE	
ABCKINASE	
ABD-KNA8	
ABELCET	
ACARBOSE	
ACICLOVATE	
AQUACHEK ADVANTAGE	
AQUACHEK ADVANTAGE	
AQUACHEK COMFORT CURVE	
ADULT-CHENI	
ACOFLPHL	
ACOTANE	
ACOTOLME	
ACEBUTOLOL HCL	
ACEBUTOLOL HCL	
ACEL-MUNE	
ACEMI	
ACEPHEN	
ACETA-GESO	
ACETAMINOPHEN	
ACETAMINOPHEN/CODEINE	
ACETAMINOPHEN/BUTALETAL	
ACETAMINOPHEN/HYPHENIRAMINE MALEATE	
ACETAMINOPHEN/PHENYLDRAMINE HCL	
ACETAMINOPHEN/PHENYLUDOMINE DT	
ACETAZOLAMIDE	
ACETAZOLAMIDE SODIUM	
ACETEST REAGENT	
ACETIC ACID	
ACETIC ACID/ALUMINIUM ACETATE	
ACETIC ACID/HYDROQUATONE	
ACETIC ACID/PHENYLEIC ACID/OMIVIQUINONE	
ACETOHEXAMIDE	
ACETOH-DROMICACID	
ACETONE	
ACETYLCHOLINE CHLORIDE	

List Of Drugs Selected For This Patient

Add →

Remove ←

OK

Figure 6

**FIGURE 7**

2 -- Web Page Dialog	
<b>Neurologic:</b>	Other - depression
<b>Cardiovascular:</b>	Congestive Heart Failure - Class I, Hypertension Requiring Treatment
<b>Pulmonary:</b>	Smoking Status - < 20 pack years - still smoking
<b>Renal:</b>	Renal Insufficiency - Creat 1 - 2
<b>Gastrointestinal:</b>	Ethanol Use - Moderate (not daily)
<b>Endocrine:</b>	Non-Insulin Dependent Diabetes

**FIGURE 8**

Silvertouch - Hospital Version Explorer

Smart Board	Review	Tools	Change Request	Logout
340 - MTC (14)	MRN: 123456789	Review Tools Configuration (RTO)	None	Logout
Power Profile	Vital Signs	Event Log	Laboratory	Order
Care Plan	Roentgen	Lab Log	Microbiology	Order-Cards
			ABDOMEN	Medications
				Order-View
				Notes View
				Workflows
				Workspac
				File Source

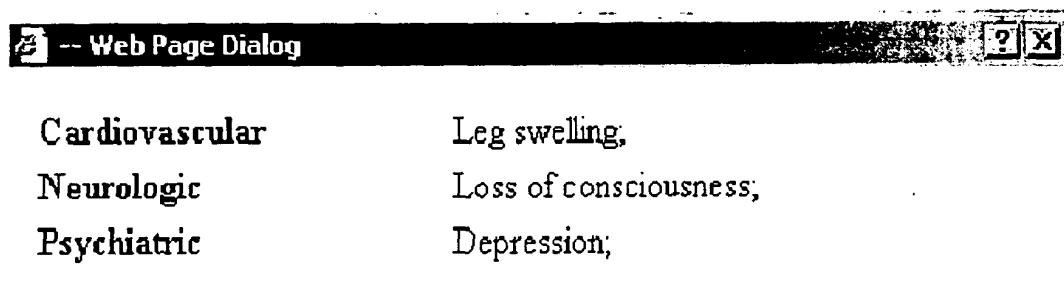
Create Admission Note

### Review Of Systems

Performed  Not Performed

<b>General Systemic</b>	
<b>Musculoskeletal:</b>	<input checked="" type="checkbox"/>
<b>Weight Loss:</b>	<input checked="" type="checkbox"/>
<b>Fever:</b>	<input checked="" type="checkbox"/>
<b>Comments:</b>	<input type="text"/>
<b>Eye:</b>	
<b>Blurred vision:</b>	<input checked="" type="checkbox"/>
<b>Double vision:</b>	<input checked="" type="checkbox"/>
<b>Eye pain:</b>	<input checked="" type="checkbox"/>
<b>Comments:</b>	<input type="text"/>
<b>ENT:</b>	
<b>Hearing problems:</b>	<input checked="" type="checkbox"/>
<b>Tinnitus:</b>	<input checked="" type="checkbox"/>
<b>Comments:</b>	<input type="text"/>
<b>Cardiovascular:</b>	
<b>Chest pain:</b>	<input checked="" type="checkbox"/>
<b>Palpitations:</b>	<input checked="" type="checkbox"/>
<b>Leg swelling:</b>	<input checked="" type="checkbox"/>
<b>Comments:</b>	<input type="text"/>
<b>Respiratory:</b>	
<b>Shortness of breath:</b>	<input checked="" type="checkbox"/>

**FIGURE 9**



**FIGURE 10**

This screenshot shows a "Create Admission Note" form. At the top, it displays patient information: G1-4) Randall Cunningham, MR#321654687, VISION: Guest Facility (-300 GMT): GICU, Age: 38, Gender: Male. Below this is a navigation bar with links like Patient Details, Update Medications, Laboratory, Microbiology, Medications, Drugs, Order Status, Transcripts, and Vital Signs. The main form is divided into two sections: "Social History" and "Family History".  
**Social History:** Fields include Occupation (dropdown), Hobbies (dropdown), Marital Status (dropdown), Smoking Status (dropdown), Ethanol Use (dropdown), IV Drug Abuse (dropdown), Other Illicit Drugs (dropdown), Recent Travel (dropdown), and Comments (text area). A note indicates that "Performed" is checked.  
**Family History:** Fields include CAD (dropdown), Cancer (dropdown), Bleeding Disorders (dropdown), and Comments (text area). A note indicates that "Not Performed" is checked.  
At the bottom, it says "Screen 5 of 10" and "Indicates a required field." with a small circle icon. Buttons for "Previous", "Cancel", and "Next >>" are also present.

**FIGURE 11**

The screenshot shows a medical software application window titled "Physical Exam". The main area is divided into two sections: "Performed" and "Not Performed". On the left, there is a vertical sidebar with a tree view of "Signs/Referrals Summary" and a list of examination categories: 1 - Constitutional, 2 - Neurologic, 3 - Eyes, 4 - Ear/Nose/Mouth/Throat, 5 - Neck, 6 - Respiratory, 7 - Cardiovascular, 8 - Abdominal/Hematopoietic Data, 9 - Gastrointestinal, 10 - Musculoskeletal, 11 - Endocrinology, and 12 - Skin.

**Performed** section:

- Vital Sign Data:**
  - Non-invasive Mean: 74.4
  - Systemic Mean: 74.4
  - PA Mean: 74.4
  - Heart Rate: 74.0
  - Rhythm: Sinus Rhythm
  - Temp (rectal): 74.4
- Comments:** [Text area]
- Appearance:**
  - General well-being: Alert/Responsive
  - Acute distress: No
  - Nutritional status: Adequate
- Neurologic:**
  - GCS:
    - Motor Score: 15 (radio button selected)
    - Verbal Score: 15 (radio button selected) [Note: Unable to score due to medication]
    - Eyes Score: 15 (radio button selected)
  - Mental Status:
    - Level of consciousness: Alert
    - Mood: [Text area]
    - Oriented: [Text area]
- Comments:** [Text area]

**Not Performed** section: [List of items including Blood Pressure, Heart Sounds, Lungs, etc.]

Buttons at the bottom: "Cancel", "Next >" (disabled), and "Previous <" (disabled).

**FIGURE 12**

Organ System	Organ System
<ul style="list-style-type: none"><li>• <input type="checkbox"/> <b>Breath</b></li><li>• <input type="checkbox"/> <b>Cardiovascular</b></li><li>• <input type="checkbox"/> <b>Central</b></li><li>• <input type="checkbox"/> <b>Gastrointestinal</b></li><li>• <input type="checkbox"/> <b>Genit</b></li><li>• <input type="checkbox"/> <b>Hematol</b></li><li>• <input type="checkbox"/> <b>Integumentary</b></li><li>• <input type="checkbox"/> <b>Intestine</b></li><li>• <input type="checkbox"/> <b>Kidney</b></li><li>• <input type="checkbox"/> <b>Liver</b></li><li>• <input type="checkbox"/> <b>Neuro</b></li><li>• <input type="checkbox"/> <b>Urinary</b></li><li>• <input type="checkbox"/> <b>Endocrine</b></li></ul>	<ul style="list-style-type: none"><li>• <input type="checkbox"/> <b>Stomach</b></li><li>• <input type="checkbox"/> <b>Esophagus</b></li><li>• <input type="checkbox"/> <b>Small Intestine</b></li><li>• <input type="checkbox"/> <b>Large Intestine</b></li><li>• <input type="checkbox"/> <b>Rectum</b></li><li>• <input type="checkbox"/> <b>Colon</b></li><li>• <input type="checkbox"/> <b>Pancreas</b></li></ul>

Today's problems/diagnoses:

Today's treatments/diagnoses:

Check All

11 to 15% checked (145 / 1074 total)

View 2 of 3 Previous Next >>

« Previous Next >>

**FIGURE 13**

Screenshot of a medical software interface titled "Create Admission Note". The top menu bar includes "Patient Details", "Report", "Tools", "Print", "Search", "Printed Preview", "Print", "Print", "Logout", and "Help". Below the menu is a toolbar with buttons for "Patient Notes", "Visit Signs", "Event Log", "Labs", "Test ID", "Medication", "Order-Order", "Disposition", "Key-Notes", "The Source", "Case Plan", "Rounds", "Lab Log", "Microbiology", "ABO/Hapt", "Medrecords", "Order View", "A-Note After", "W-report", and "The Source". A sub-menu "Create Admission Note" is open, showing sections for "Laboratory Results To Print:" (with checkboxes for "Chemistries", "ABC", "CBC & Coagulation", "Drug Levels", and "Cardiometabolic Levels"), "Assessment and Plan:", and a note about results being available in 24 hours. At the bottom are buttons for "Screenshot", "Previous", "Cancel", and "Next >". A help icon is located at the bottom right.

**FIGURE 14**

**FIGURE 15**

Patient Chart - Hospital Information System

POLICE CONCERN: Patient ID: MR#123456789

Refresher Task List Change Password Log Out

Searched: Not Checked + (14) 5/11/11 10:41 AM

Patient Profile Vital Signs Event Log Laboratory Test ID Medications Order/Orders Test Results Imaging The Doctor

Care Plan Roverster Uni Log Microbiology Allergies Medications Order View Notes/Alerts Notifications Homecare

Create Admission Note

Searched: Not Checked + (14) 5/11/11 10:41 AM

Admission Note  
PERMANENT  
5/11/2011 10:41

**Admitting Diagnosis:** Abdominal pain with rashes

**Chief Complaint:** 41 year old female presented with hypotension after complaince of abdominal pain having Pt with known ADD/ADHD for past 2 years.

**Source of Patient Information:** Companion - Relative

**Post-Operative Data:**

**Procedure:** Abdominal pain. Skin rashes non-eruptive

**Anesthesia:** General

**Fluids:** Cefazolin 250 mg/anticoagulant 0.5 mg/levofloxacin 500 mg/PRBC units < 4 1500 ml

**LTO:** Unbeknownst

**Complications:**

**Allergies:** Penicillin (severe), Aspirin, Famotidine, Zoloft, W. Ac.

**Pre-Admission Medications:** Fexinidazole 200 mg qd, Cetirizine 10 mg qd, Seldane 30 mg qd, Simvastatin 10 mg qd, PANT 20 mg qd

**Past History:**

**Neurology:** Other: depression

**Cardiovascular:** Congestive Heart Failure - Class II Hypertension Requiring Treatment

**Pulmonary:** Smoking Status: 20 pack years - still smoking

Screen 1 of 1  Related to required field  Sign As User Signed  Password  PIN  Print and Save

**FIGURE 16**

Patient Chart Microsoft Internet Explorer

Task List Change Password Logout

Patient Details: 3411 MEB-B-194 MR#123456789 Detraza (Adult General Hospital) ICU Age 34 Gender Male

Period Profile Vital Signs Event Log Laboratory Send D. Medications Order-Cards EMR-Chart My Images The Source Care Plan Renewal Line Log Microbiology ABC-View Medication-List Orders-View Notes-View My Reports

Create Re-Admission Note

Reason for Readmission?  \*

Was the patient admitted from the OR, or went to OR, within 4 hours of admission?  No \*

- Admitting Diagnosis

Organ System [Respiratory] \* Diagnosis Pneumonia bacterial \*

Chief Complaint/History of Present Illness:

If yes who was your surgeon and report that included return to OR for drainage of peritonitis. Over past several days, has developed fever, cough and persistent vomiting. CXR reveals mild infiltrates and brought to ICU for increasing respiratory distress.

Source of Patient Information [Physician Ref] \*

Screen 1 of 10 ● Indicates a required field

Next >>

## FIGURE 17

## **FIGURE 18**

Print Chart | Report All Alerts | Back | Forward | Logout

Print Chart | Report All Alerts | Back | Forward | Logout

Patient Profile	Vital Signs	Overdue	Laboratory	1 and D	2. Medications	3. Orders-Codes	4. Test Results	5. Other View	6. Notes View	7. Reports	8. Source
Case Plan	Plan List	Lab Log	Microbiology	ABC/Vent	Medications						

Create Comprehensive Progress Note

Has the patient had surgery since the last progress Note?  No

Events of Note:

Screen 1 of 3

indicates a required field

[Cancel](#) [Next >>](#)

**FIGURE 19**

Patient Chart - Microsoft Internet Explorer

Print Details	Refetch	Print	Change Periodic	Print	Logout
3/11/2002 11:53 AM	APN 124456789	Center for Health Care Quality	4/1/2002	4/1/2002	Health Mgt
Patient Profile	Vital Signs	Event Log	Laboratory	Test ID	Medication
Consent	Entered	Life Log	Morbidity	ABG/Met	Medications
Order-Created	Order-View	Order-Print	Order-Mark	Order-Delete	Order-Print
Order-Print	Order-View	Order-Mark	Order-Delete	Order-Print	Order-Print

Create Comprehensive Progress Note

Has the patient had surgery since the last progress Note?

Surgical Diagnosis  
 **Diagnosis:** [Indicates the diagnosis(s) performed during surgery, including any definitive or temporary diagnosis.]

Post-Operative Status:  
 Anesthesia/Care:  EBL (ml)(l)

Complications:  
 Cardiac Arrest    Hypoxemia    Myocardial Ischemia  
 Difficult intubation    Massive Hemorrhage    Embolism/Hypotension

Fluids:

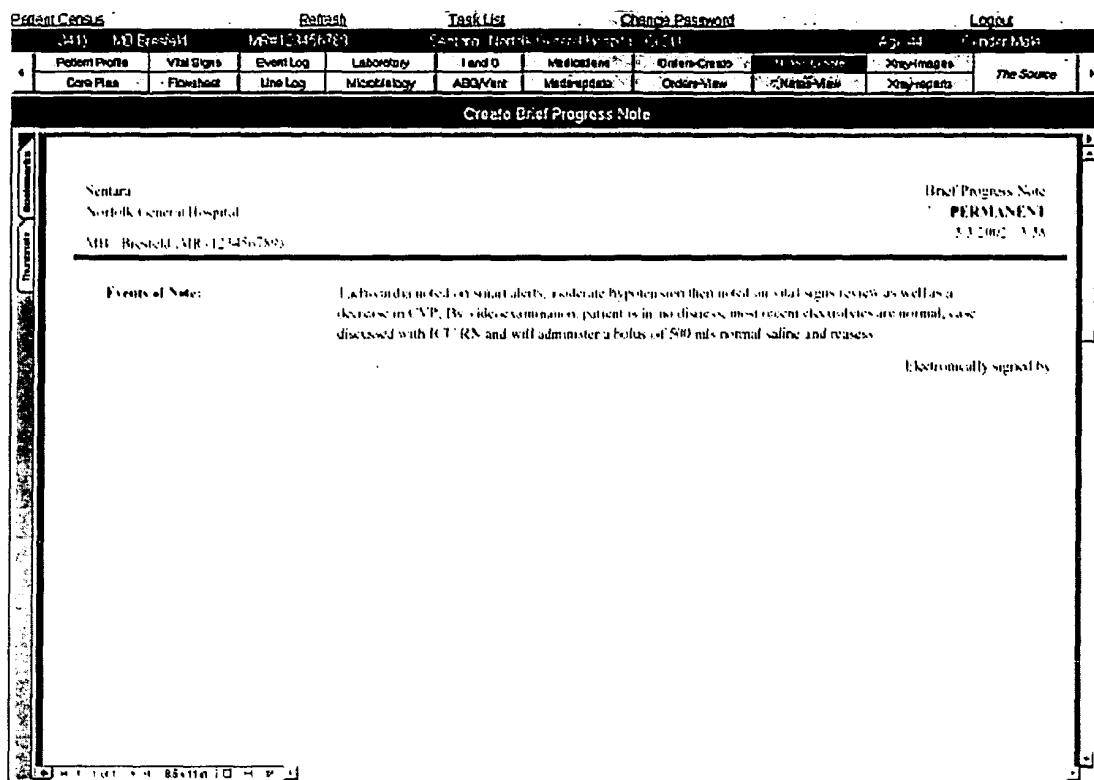
CSF (ml/ml)	FFP (units)
Crack (ml)	PRBCs (units)
Crystallloid (ml)	LPSC (units)

Events of Note:  
 Patient noted to develop increased tachycardia and increased abdominal distention with diarrhea and was brought back to operating room for re-exploration which revealed a hernia due to a small tear at the graft suture line. It remained in stable condition to the ICU.

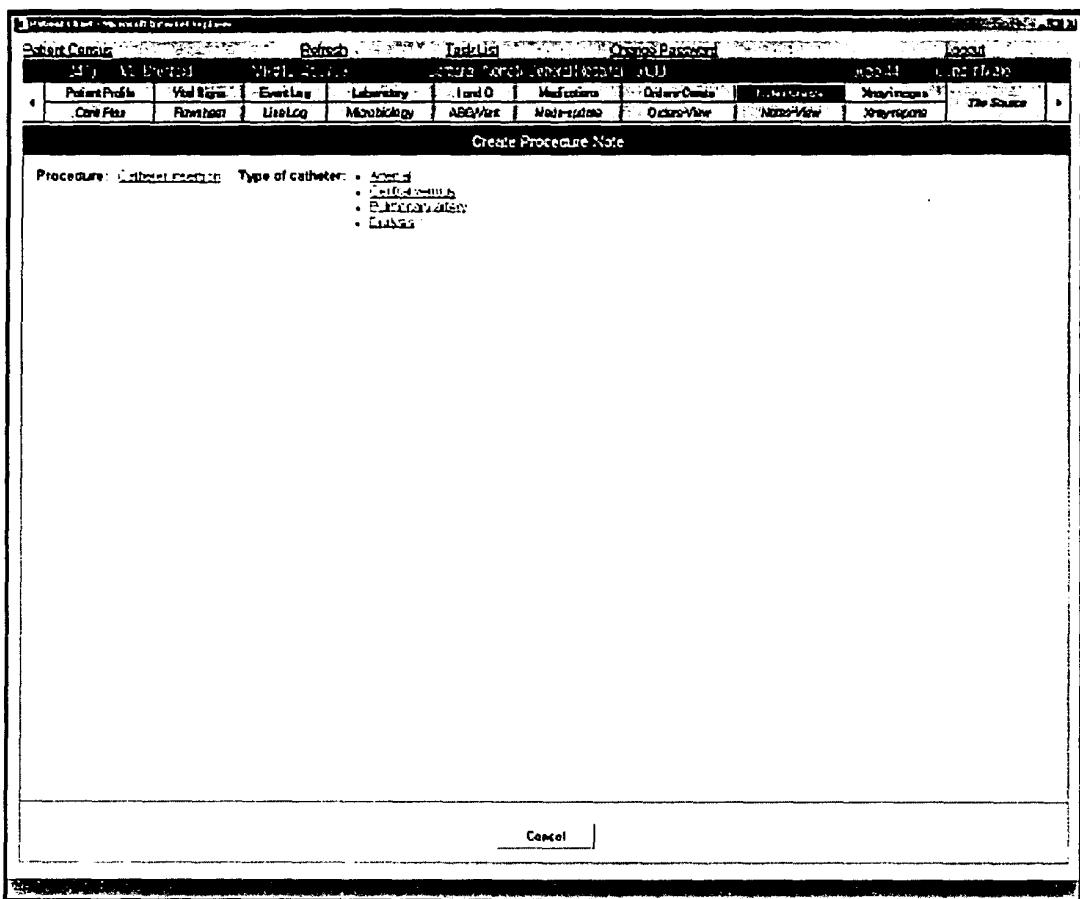
Screen Tools       Endnotes & Indexes       Best View

**Cancel**

**FIGURE 20**



**FIGURE 21**



**FIGURE 22**

Skin Test - General Information

Logout | Change Password | Help | Home | Search | Helpdesk | Contact Us | About Us | Support Center | Log In | Log In As

Patient Census | Referrals | TestList | Chart | Patient Profile | Vital Signs | Event Log | Laboratory | LandO | Medications | Order Queue | To Review | Diagnostic | The Search | Care Plus | Fluency | Line Log | Microbiology | ABC/Nest | Medic Update | Order Alert | Discharge | Discharge Report

Create Procedure Note

Procedure: Catheter insertion Type of Catheter: Central Venous

Location: Left Subclavian vein  Indication: For assessment of intravascular volume

Sub-Type: Multiple lines  Alternative catheterization

Technical Description:  
 Procedure performed with gown and mask technique  Local anesthetic administered  
 Sealing technique used  Prosthetic device inserted

Evaluation:  
Bloodflow: good   
CNR: normal   
Complications: No adverse complications

Miscellaneous Information:

Printed by: [Redacted]  Printed by myself  Not yet

Cancel Next

**FIGURE 23**

Picture of a medical software interface titled "Create Procedure Note".

The main window displays a procedure note for a patient named "Natalie" from "Northgate Hospital" with MR number "123456789". The note is categorized as "PERMANENT" and dated "5/20/2001".

**Procedure:** Central venous Catheter insertion

**Description of Procedure:** multiple lumen antimicrobial bonded coiled Central venous catheter inserted into left side of arm vein for assessment of intravascular volume. No contrast inserted. Procedure performed with gown and sterile technique. Local anesthetic administered. Seldinger technique used. Blood flow good. CXR normal. No apparent complications.

Electronically signed by [Signature]

Screen 2 of 2    Individual Assessment

F Sign As: Username: \_\_\_\_\_ Password: \_\_\_\_\_  FIM: \_\_\_\_\_

**FIGURE 24**

**Table 1**

Chemistries	AIG	CBC and Coagulation	Drug Level	Cardiac/Metabolic Levels
Na	pH	Hgb	NAPA (mcg/mL)	CPK (U/L)
Cl	PCO <sub>2</sub>	WBC	Tacrolimus-FK506 (ng/mL)	CPK-MB (IgG)
BUN	PO <sub>2</sub>	INR	Acetaminophen (mcg/mL)	CPK-MB (U/L)
Glu	HCO <sub>3</sub>	Hct	Amikacin (mcg/mL)	TSH (uU/mL)
Ca	RO <sub>2</sub>	Rts	Carbamazepine (mcg/mL)	Ammonia (uM/L)
K	PEEP	PTT ratio	Cyclosporin (ng/mL)	Cortisol (mcg/dL)
HCO <sub>3</sub>			Digoxin (ng/mL)	Ketones
Cr			Gentamicin (mcg/mL)	Osmolality (mOs/kg H <sub>2</sub> O)
Phos			Lidocaine (mcg/mL)	Triglycerides (mg/dL)
Mg			Lithium (mEq/L)	Tropomin - I (mcg/L)
Albumin			Phenobarbital (mcg/mL)	Tropomin - T (mcg/L)
Total Protein			Phenytoin (mcg/mL)	
AST (SGOT)			Procainamide (mcg/mL)	
ALT (SGPT)			Theophylline (mcg/mL)	
LDH			Ticrarmycin (mcg/mL)	
Total Bilirubin			Vancomycin (mcg/mL)	
Direct Bilirubin				
Amylase			Tacrolimus-FK506 (ng/mL)	
Lactate			Acetaminophen (mcg/mL)	
Alkaline Phos				